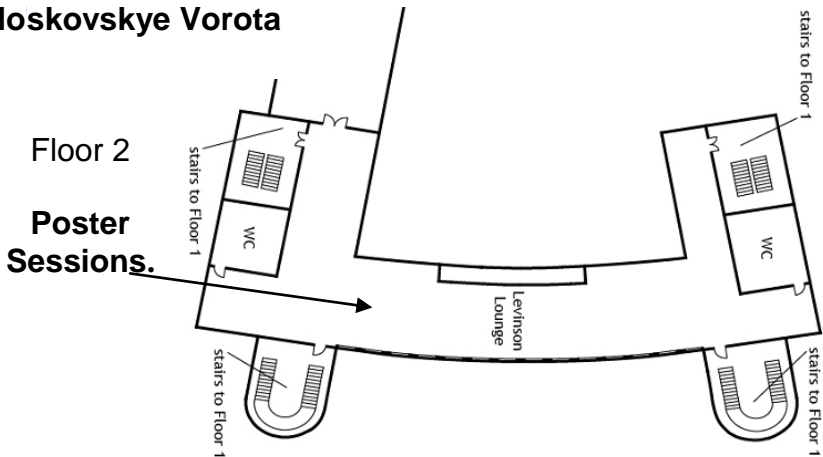


Congress Center

Moskovskye Vorota



ICMM-2014 Program

	Sunday (July 6 th)	Monday (July 7 th)	Tuesday (July 8 th)	Wednesday (July 9 th)
8:10	WELCOME			
Chairperson	<i>R. Sagdeev, V. Ovcharenko</i>	<i>J. Yectana</i>	<i>P. Sainctavit</i>	<i>M. A. Halcrow</i>
8:30	PI-01 Fernando Palacio	8:30 PI-02 (a) J.-P. Sutter; (b) J. Novoa	8:30 PI-03 Igor Ryabtsev	
9:20	O-01 Stephen Hill	9:20 O-11 Keiji Okada	9:20 O-21 Evgenia Spodine	
9:35	O-02 Cyrille Train	9:35 O-12 Theodoris Stamatatos	9:35 O-22 Hiroki Oshio	
9:50	O-01 Masahiro Yamashita	9:50 I-07 Cameron Keper	9:50 I-13 Jürgen Schnack	9:25 PI-04 Makoto Fujita
10:15	Coffee Break	Coffee Break	Coffee Break	Coffee Break
Chairperson	<i>R. Wimpenny, E. Coronado</i>	<i>T. Toku, E. Spodine</i>	<i>M. Yamashita, B. Sieklucka</i>	<i>A. Escuer</i>
10:45	I-02 Concepción Rovira	10:45 Inv-8 Malcolm Halcrow	10:45 I-14 Song Gao	10:45 I-19 Xin-Yi Wang
11:10	O-03 Kunio Awaga	11:10 O-13 Masaki Mito	11:10 O-23 Sergey Aldoshin	11:10 O-31 Jean-Paul Malrieu
11:25	O-04 Floriana Tuna	11:25 O-14 Joel S Miller	11:25 O-24 Marco Affronte	11:25 O-32 Annie K. Powell
11:40	I-03 Masaaki Ohba	11:40 I-09 Corinne Mathonière	11:40 I-15 Daniel R. Talham	11:40 O-33 Igor Feduyshkin
12:05	FLASH-1 (FP601-FP605)	12:05 FLASH-3 (FP701-FP703)	12:05 FLASH-5 (FP801-FP805)	12:05 I-20 Imma Ratera
12:30	Lunch	Lunch	12:30 Lunch / IAB meeting	12:30 Lunch / IAB meeting
Chairperson	<i>S. P. Perlepes</i>	<i>I. Eremenko</i>	<i>L. Ouahab</i>	<i>Song Gao</i>
14:00	I-04 Enrique del Barco	14:00 I-10 Osamu Sato	14:00 I-16 Olivier Cadot	14:00 I-21 Stephen Liddle
14:25	O-05 Olaf Stefanczyk	14:25 O-15 Andrea Cornia	14:25 O-25 Eugenio Coronado	14:25 O-34 Dominique Luneau
14:40	O-06 Hitoshi Miyasaka	14:40 O-16 Eva Rentschler	14:40 O-26 Katsuya Inoue	14:40 O-35 Roberta Sessoli
14:55	O-07 Diana Visinescu	14:55 O-17 Dawid Pinkowicz	14:55 O-27 Sebastian Loth	14:55 O-36 Mark Turnbull
15:10	I-05 Jlangfeng Du	15:10 I-11 Kathryn Preuss	15:10 I-17 Martin T. Lemaire	15:10 I-22 Rodolphe Clérac
15:35	Coffee Break	Coffee Break	15:35 Coffee Break	15:35 Coffee Break
Chairperson	<i>M. T. Lemaire, M. Andruh</i>	<i>J. Bendix, K. Preuss</i>	<i>L.-M. Zheng, O. Waldmann</i>	<i>J. S. Miller</i>
16:00	I-06 Anastasios J. Tasiopoulos	16:00 I-12 Stephen Holmes	16:00 I-18 Tatiana Makarova	16:00 I-23 Nicholas Chilton
16:25	O-08 Kazunobu Sato	16:25 O-18 Laurent Benisty	16:25 O-28 Alejandro Gaita Arifio	16:25 O-37 Diego Venegas-Yaigi
16:40	O-09 Nicolas Ferré	16:40 O-19 David T. Harris	16:40 O-29 Joulia Larionova	16:40 O-38 George Whitehead
16:55	O-10 Mark Murrice	16:55 O-20 Maria G. F. Vaz	16:55 O-30 Danna Freedman	16:55 I-24 Miguel Novak
17:10	FLASH-2 (FP606-FP609)	17:10 FLASH-4 (FP704-FP708)	17:10 FLASH-6 (FP806-FP808)	17:20 CLOSING CEREMONY
	Short Break	Short Break	Short Break	
18:00	POSTER-1 (FP601-P682)	POSTER-2 (FP701-P781)	POSTER-3 (FP801-P882)	

Departure (Thursday, July 10th)

19:30-23:00 Conference Dinner

22:00-2:00 White Nights Tour

July 6, 2014 (Sunday)

Chairperson Renad Sagdeev, Victor Ovcharenko

- PI-1** Molecular magnetic systems for biomedical applications.
F. Palacio
- O-01** Controlled under pressure: high-field EPR studies of magnetostructural correlations in molecule-based magnetic materials. *S. Hill*
- O-02** Hosts and guests interplay towards original topologies and properties in magnetic molecular materials. *C. Train*
- I-01** Frontier of quantum molecular spintronics based on single-molecule magnets: giant and tunneling magnetoresistance of SMMs. *M. Yamashita*
-

Chairperson Richard Winpenny, Eugenio Coronado

- I-02** Intramolecular electronic transport studied with organic radicals. *C. Rovira*
- O-01** Molecular magnetism and organic electronics under solid-state electrochemistry. *K. Awaga*
- O-02** Linked heterometallic rings studied by EPR spectroscopy. *F. Tuna*
- I-03** Functional coupling between magnetic properties and porosity. *M. Ohba*
-
- FP-601** Exchange interaction of strongly anisotropic tripod al erbium single-ion magnets with metallic surfaces. *C. Wackerlin*
- FP-602** Magnetic and electrical properties of a new hybrid material combining single-molecule magnets and nanoparticles. *M. Perfetti*
- FP-603** Quantum transport properties of individual Fe₄ single molecule magnets. *R. Gaudenzi*
- FP-604** Spin transistors based on single-molecule magnets. *E. Burzuri*

FP-605 DEIMOS: a unique, fully optimized beamline for molecular magnetism. *Ph. Sainctavit*

Chairperson Spyros P. Perlepes

I-04 Three-leaf quantum interference clovers in a single-molecule magnet. *E. del Barco*

O-05 Anion dependent metamagnetic behaviour of $\text{Cu}^{\text{II}}[\text{W}^{\text{V}}(\text{CN})_8]^{3-}$ system. *O. Stefańczyk*

O-06 Functional MOFs – design by tuning of charge transfers on frameworks using D/A combinations and host/guest chemistry. *H. Miyasaka*

O-07 Model compounds for the study of the exchange interaction in $\text{Cu}^{\text{II}}\text{Ln}^{\text{III}}\text{M}^{\text{V}}$ heterotrimetallics (Ln = La, Gd, Tb; M = Mo, W). *D. Visinescu*

I-05 Quantum computation based on spins in solid state systems. *J. Du*

Chairperson Martin T. Lemaire, Marius Andruh

I-06 High nuclearity, high spin clusters and single molecule magnets from the use of diols in Mn chemistry. *A. J. Tasiopoulos*

O-08 Quantum manipulation of electron and nuclear spins for molecular spin quantum computers: development of coherent multi-frequency ESR spectroscopy. *K. Sato*

O-09 Magnetic exchange decomposition from broken-symmetry density functional theory. *N. Ferré*

O-10 A flexible building-block approach to high-nuclearity heterometallic clusters. *M. Murrie*

FP-606 In search of 3d/4f-metal high-spin molecules and single-molecule magnets. *S. P. Perlepes*

FP-607 The origin of the spin-reversal barrier in $[\text{Re}^{\text{IV}}(\text{CN})_7]^{3-}$ and $[\text{Mo}^{\text{III}}(\text{CN})_7]^{4-}$ based single-molecule magnets: an interplay of anisotropic spin couplings. *V. S. Mironov*

FP-608 Homoleptic 5d fluoride complexes as modules for molecular spin-architectures. *K. S. Pedersen*

FP-609 Tuning the magnetic anisotropy of Ni(II) complexes. *K. E. R. Marriott*

July 7, 2014 (Monday)

Chairperson Jaume Veciana

PI-2a $[\text{Mo}(\text{NCS})_6]^{3-}$: a promising building units in molecular magnetism. *J.-P. Sutter*

PI-2b The mechanism of the magnetic bistability on the dithiazolyl family of radicals: a first or second order phase transition? *Juan J. Novoa*

O-11 New aspects of nitronyl nitroxides in materials science. *K. Okada*

O-12 Toward the synthesis of 'hybrid' molecular magnetic materials: emissive and chiral single-molecule magnets based on 3d- and 4f-metal clusters. *Theocharis C. Stamataos*

I-07 Spin crossover framework materials. *C. Kepert*

Chairperson Takeji Takui, Evgenia Spodine

I-08 Structure: function studies of molecular spin-crossover compounds. *M. A. Halcrow*

O-13 Magnetic measurements on molecular magnetic systems under high pressure. *M. Mito*

O-14 Identification of intrinsic synthetic antiferromagnets and related ferrimagnets. *J. S. Miller*

I-09 Rational design of a photomagnetic chain: bridging single-molecule magnets with a spin-crossover complex. *C. Mathonière*

FP-701 Magnetic modification through gas sorption in responsive coordination polymers. *G. Minguez Espallargas*

FP-702 Fluoride-bridged magnetic systems. *J. Bendix*

FP-703 OPTEC

Chairperson Igor Eremenko

I-10 Control of magnetic properties through external stimuli. *O. Sato*

O-15 The electronic structure of surface-supported SMMs over different energy scales. *A. Cornia*

O-16 Molecule-based controlling magnetism by controlling the dimensionality of metallophosphonates. *E. Rentschler*

O-17 Cyanide single-molecule magnets exhibiting solvent dependent reversible ‘ON’ and ‘OFF’ exchange bias behavior. *D. Pinkowicz*

I-11 Supramolecular properties of lanthanide-radical coordination complexes. *K. E. Preuss*

Chairperson Jesper Bendix, Kathryn Preuss

I-12 Structure-property studies in photoresponsive cyanometalates. *S. M. Holmes*

O-18 Phenoxy radical ligands as new building blocks for magnetic materials. *L. Benisvy*

O-19 Strong magnetic exchange coupling and slow magnetic relaxation in azophenine radical-bridged dinuclear complexes. *D. Harris*

O-20 Synthesis and magnetic behavior of 3d-4f heterospin systems containing a nitroxide radical. *M. G. F. Vaz*

FP-704 Iron dinuclear helicate complex assembled by a photochromic ligand. *M. Estrader*

FP-705 Different faces of cobalt-octacyanometalate magnetic assemblies: from discrete clusters to extended networks. *R. Podgajny*

FP-706 Pressure effect on spin-crossover-like phenomena in Cu(II)-nitroxide complex. *K. Maryunina*

- FP-707** Photoinduced phenomena in copper-nitroxide based “breathing crystals”. *M. V. Fedin*
- FP-708** Models of spin-crossover like transitions in quasi 1D compounds of Cu(II) based exchange clusters. *V. A. Morozov*

July 8, 2014 (Tuesday)

Chairperson Philippe Saintavit

- PI-3** Cold trapped Rydberg atoms and their application in quantum information. *I. I. Ryabtsev*
- O-21** Magnetic properties of composites obtained from the intercalation of diamagnetic macrocyclic complexes in the MnPS₃ phase. *E. Spodine*
- O-22** Selective state conversion in metal complexes. *H. Oshio*
- I-13** Evaluation of the local magnetization of Kondo-screened deposited magnetic molecules. *J. Schnack*
-

Chairperson Masahiro Yamashita, Barbara Sieklucka

- I-14** Organometallic single-ion magnets. *S. Gao*
- O-23** Entangled electronic states of paramagnetic nitrosyl iron complexes and prospects of their application. *S. Aldoshin*
- O-24** Molecular nanomagnets on graphene: a path towards hybrid spintronics devices. *M. Affronte*
- I-15** Light-switchable magnetism in mesoscale coordination polymer heterostructures. *D. R. Talham*
-
- FP-801** Dinuclear valence tautomeric adducts of cobalt diketonates with bis-*o*-quinones as the basis for the design of spin qubits: computer modeling. *A. Starikova*
- FP-802** Anion dependent redox changes in iron and cobalt nitronyl nitroxides. *I. A. Gass*
- FP-803** On the nature of mixed valency in an octanuclear iron cluster, [Fe₈(μ₄-O)₄(μ₄-Cl-pz)₁₂Cl₄]⁻. *E. M. Zueva*

FP-804 Metallic and Mott insulating antiferromagnetic states in ionic fullerene complexes with two- and three-dimensional $C_{60}^{\cdot-}$ packing motif. *D. V. Konarev*

FP-805 Porphyrin-based molecular magnetic materials. *E. Önal*

Chairperson Lahcène Ouahab

I-16 Luminescent single molecule magnet in a series of lanthanides-TTF complexes. *L. Ouahab, O. Cador*

O-25 Molecule-based spintronic devices: hybrid spin-OLEDs. *E. Coronado*

O-26 Experimental elucidation of Dzyaloshinskii-Moriya interactions in chiral magnets. *K. Inoue*

O-27 Molecular magnetism on surfaces. *S. Loth*

I-17 Efforts toward multifunctional materials and high spin ground state complexes using *redox* active ligands. *M. T. Lemaire*

Chairperson Li-Min Zheng, Oliver Waldmann

I-18 Magnetism: molecules to graphene-based materials. *T. L. Makarova*

O-28 Characterization and coherent control of the spin state in single-ion magnets. *A. Gaita-Ariño*

O-29 Nano-sized cyano-bridged coordination polymers as a new T_1 MRI contrast agents. *J. Larionova*

O-30 Rational synthesis of magnetic molecules for quantum information processing. *D. Freedman*

FP-806 Continuous quantum mechanics: adapting elements from nuclear statistical spectroscopy to spin clusters framed by the Heisenberg Hamiltonian. *H. Weihe*

FP-807 Engineering the coupling between molecular nanomagnets for quantum simulation. *A. Chiesa*

FP-808 Lanthanide-manganese cymantrenecarboxylates with "defect dicubane" structure: the new molecular magnets.
N. N. Efimov

July 9, 2014 (Wednesday)

Chairperson Malcolm Halcrow

PI-4 Crystalline sponge method: X-ray analysis without crystallization on the microgram scale. *M. Fujita*

Chairperson Albert Escuer

I-19 Magneto-structural correlation in the azido-bridged [CuLn]₂ compounds. *X.-Y. Wang*

O-31 Magnetic potentialities of conjugated hydrocarbons and graphene sheets. *J.-P. Malrieu*

O-32 Modulating magnetic properties in 3d/4f cyclic coordination cluster compounds. *A. K. Powell*

O-33 Redox isomerism in the lanthanide complexes. *I. L. Fedushkin*

I-20 Electronic properties of oriented dipoles in SAMs of electron acceptor-donor dyads based on polychlorotriphenylmethyl radicals. *I. Ratera*

Chairperson Song Gao

I-21 Uranium single molecule magnets. *S. T. Liddle*

O-34 Coordination chemistry of nitronyl nitroxide an old-fashioned receipt for new molecule-based magnets. *D. Luneau*

O-35 Magnetochiral and magnetoelectric effects in chiral molecular chains. *R. Sessoli*

O-36 A $S=1/2$ 1-dimensional random-exchange ferromagnetic zigzag-ladder which exhibits competing interactions in a critical regime. *M. M. Turnbull*

I-22 Single-molecule magnets, single-chain magnets and related materials. *R. Clérac*

Chairperson Joel Miller

- I-23** Do electrostatics determine the magnetic anisotropy of low symmetry dysprosium complexes? *N. Chilton*
- O-37** Electronic structure calculations of a novel cubane system formed by iron(III) and 4,5-imidazoledicarboxylic acid. *D. Venegas-Yazigi*
- O-38** Effect of ligand substitution on the properties of the heterometallic $\{\text{Cr}_7\text{M}\}$ molecular magnetic rings. *G. A. Timco*
- I-24** Magnetic switching of Co-NIT single chain magnets. *M. Novak*

POSTERS

July 6, 2014 (Sunday)

- P-610** Photomodulated magnetic anisotropy in layer-by-layer assembly of inorganic nanosheet. *T. Yamamoto*
- P-611** Slow relaxation of magnetization in Co^{III} decorated $\{\text{Dy}_2\}$ compounds. *P. Albores*
- P-612** Emissive single-molecule magnets from the use of tridentate Schiff bases. *N. C. Anastasiadis*
- P-613** Anisotropy determination in molecular nanomagnets from an effective electrostatic model. *J. J. Baldoví*
- P-614** Heptacoordinated transition-metal complexes as ising-type anisotropic building units. *A. K. Bar*
- P-615** Synthesis, structure and magnetic characterization of $\{\text{Tb}/\text{Eu}\}$ furoate complexes showing slow relaxation. *E. Bartolomé*
- P-616** New mononuclear single-molecule magnet. *A. S. Bogomyakov*
- P-617** Lanthanides-based complexes: from tetrathiafulvalene to luminescent single-molecule magnets. *O. Cadoret*

- P-618** A mononuclear cobalt(II)-dithienylethene complex showing slow magnetic relaxation and photochromic behavior. *Deng-Ke Cao*
- P-619** From antiferromagnetic to ferromagnetic interactions: an effective method to change the coupling mode of 12-MC-4 metallacrown system via octacyanometalate. *Fan Cao*
- P-620** An unusual homospin cobalt(ii) single-chain magnet. *P. Cheng*
- P-621** Polyfluoroacyl pyruvaldehyde dimethylacetal - a novel fluorinated building-block for design of verdazyl radicals. *D. L. Chizhov*
- P-622** 2-Pyridoyltrifluoroacetyl acetone in synthesis of 3d-4f complexes $[\text{Co}^{\text{II}}_2\text{Ln}^{\text{III}}_2(\text{L})_8(\text{OH})_2]$ with dicubane structure. *D. L. Chizhov*
- P-623** Pressure-induced switching in a mononuclear SCO compound. *G. A. Craig*
- P-624** Making addressing of SMMs feasible. *P. Czaja*
- P-625** Heterometallic copper(II)/lanthanide(III) carboxylate clusters based on pyridine-2,6-dimethanol as molecular magnetic refrigerants. *D. Dermitzaki*
- P-626** Two new fluorescent single-molecule magnets ($D > 0$): a family of mononuclear octahedral cobalt(II)-curcuminoids. *R. Díaz-Torres*
- P-627** Relationship between molecular packing and magnetic properties of terbium(III)-phthalocyaninato double-decker SMM complex. *T. Yamabayashi*
- P-628** Transition metal/lanthanide clusters from the use of alcohol-type ligands. *C. G. Efthymiou*
- P-629** Surface deposition of Mn_{12} and Fe_4 single molecule magnets by means of electrospray ionization. *P. Erler*
- P-630** Nickel-2-pyridyloximato clusters: coordination of μ_6 -peroxo ligand. *A. Escuer*
- P-631** Triangular-based compounds in nickel-oximato chemistry. *J. Esteban*

- P-632** Geometric modulation of the Jahn-Teller distortion in highly anisotropic manganese(III) complexes. *A. J. Fitzpatrick*
- P-633** Homo- and heterobinuclear lanthanide pivalates (Bath)₂M¹M²(Piv)₆ (M¹M² = Sm₂, Tb₂, SmTb): synthesis, magnetic and luminescent properties. *I. G. Fomina*
- P-634** Binuclear gadolinium(III) pivalates with heterocyclic *n*-donors: synthesis, EPR, magnetic and luminescent properties. *I. G. Fomina*
- P-635** A novel approach to constructing SMM frameworks using transition metal citrate cubanes. *E. Forcén-Vázquez*
- P-636** Combining complimentary ligands into one framework for the construction of two structurally novel [Mn^{III}₁₂] SMMs. *J. M. Frost*
- P-637** Single-ion magnet behavior in the family of lanthanide octaethyltetraazaporphyrin double-deckers. *N. Giménez Agulló*
- P-638** Interplay between local anisotropies in binuclear complexes. *N. Guihéry*
- P-639** A flexible molecular toolkit for the directed synthesis of heterometallic molecular magnets. *M. J. Heras Ojea*
- P-640** New organic oxime ligands in the chemistry of polynuclear metal complexes. *M. Holyńska*
- P-641** Magnetic behaviors of multiple-decker phthalocyaninato terbium(III) SMM complexes at relatively high temperature. *Y. Horii*
- P-642** Heterometallic 3d–4f molecular magnets based on polyoxometalates. *M. Ibrahim*
- P-643** Investigation of 2D supramolecular structure of porphyrinbased terbium(III) single molecular magnets. *T. Inose*
- P-644** *Ab initio* investigation of subtle changes on the magnetic properties of dysprosium and ytterbium based molecular magnets. *J. Jung*

- P-645** Magnetic property of alternating chain magnet constructed by dicarboxylate-bridged manganese-salen type complex. *K. Kagesawa*
- P-646** Single-molecule magnets involving strong exchange in lanthanoid complexes with 2,2'-bipyridin-6-yl tert-butyl nitroxide. *T. Kanetomo*
- P-647** Magnetic metal-organic polyhedra. *S. Kang*
- P-648** Switching the single ion anisotropy in tetrahedral Co(II) complexes. *S. Vaidya*
- P-649** Molecular structures and magnetic properties of heterospin complexes having cyclic and paddle-wheel structure. *S. Karasawa*
- P-650** Employment of 2-pyridyl oximes in nickel(II)/lanthanide(III) chemistry: synthetic, structural and magnetic studies. *E. Katsoulakou*
- P-651** Synthesis, structural and magnetic characterisation of a new {LnCu}₃ series. *F. J. Kettles*
- P-652** Metallacrown based 3d-4f complexes revealing slow magnetic relaxation. *Kredel A.*
- P-653** Structure and SMM property of Dy triple-decker complex with salophen. *T. Kuroda-Sowa*
- P-654** Dinuclear lanthanide(III) complexes by metal ion-assisted hydration of di-2-pyridyl ketone azine: synthetic, structural and magnetic studies. *N. Laloti*
- P-655** Lanthanides complexes of nitronyl nitroxide radical: luminescence, Raman spectroscopy and magnetic properties. *A. Lannes*
- P-656** A nitronyl nitroxide-based 3d-4f cluster featuring single-molecule magnet behavior. *Licun Li*
- P-657** Cyano-bridged [Fe^{III}₄Ni^{II}₂] hexanuclear single-molecule magnet. *Zhao-Yang Li*
- P-658** Magnetic study of organolanthanides half-sandwiched with neutral arenes. *Shan-Shan Liu*

- P-659** Multifunctional single-molecule magnets and cyano-bridged coordination polymers. *J. Long*
- P-660** Effect of slight structural modifications on the magnetic anisotropy of trivalent lanthanide ions. *J. Luzon*
- P-661** Impact of ligand field and donor strength on slow magnetic relaxation in f-element complexes. *K. R. Meihaus*
- P-662** Fine tuning single-ion magnet properties of new sandwich organolanthanide by changing the substituent group. *Yinshan Meng*
- P-663** Control of magnetic properties by rational design of heterometallic clusters. *V. Milway*
- P-664** EPR studies of asymmetric lanthanide dimers. *E. Moreno Pineda*
- P-665** Magnetic properties of terbium(III)-fused phthalocyaninato triple-decker complex. *T. Morita*
- P-666** Synthesis and characterization of a supramolecular chain of tetrairon single molecule magnets linked by ruthenium dimers. *A. Nava*
- P-667** Cluster ferromagnetic spin wave excitation in the high spin molecule Mn_{19} . *S. Nekuruh*
- P-668** Magnetic properties of Mn^{III} - M^{III} ($M = Fe, Os$) single chain magnets. *M. Rams*
- P-669** Bimetallic one dimensional assemblies based on heavier transition metal cyanometallates and displaying magnetic dynamics. *K. E. Vostrikova*
- P-670** An erbium phosphonate in pseudo- D_{5h} symmetry exhibiting field tuned magnetic multiple relaxation processes and optical correlation. *Min Ren*
- P-671** Supramolecular structures for the photomodulation of single molecule magnet behaviour in Fe_4 complexes. *L. Rigamonti*
- P-672** Synthesis and study of new molecular magnetic hybrids: toward liquid crystal systems. *D. Rosario-Amorim*
- P-673** Magnetic anisotropy of mononuclear transition metal single molecule magnets: easy-plane systems. *E. Ruiz*

- P-674** From serendipitous assembly to controlled synthesis of 3d-4f SMMs. *E. C. Sañudo*
- P-675** Nature of the ferromagnetic ground state in single-molecule magnets with dicubane $\text{Mn}_4(\text{hmp})_6$ core. *Yu. N. Shvachko*
- P-676** Magnetic properties of single-molecule magnets $[\text{Me}^{\text{II}}_2\text{Fe}^{\text{III}}_2(\text{L})_4(\text{OH})_2(\text{EtOH})_2(\text{Et}_2\text{O})_2]$, Me= Co, Ni with dicubane structure. *Yu. N. Shvachko*
- P-677** Modelling the hysteresis of magnetoconductance in hybrid graphene/SMM devices. *A. Soncini*
- P-678** Switching properties of double-decker porphyrin single-molecule magnets. *D. Tanaka*
- P-679** Steering the structural and spin features of dysprosium clusters. *Jinkui Tang*
- P-680** Experimental determination of the crystal field splitting in the lanthanide double decker single ion magnets. *J. van Slageren*
- P-681** The mechanism of the magnetic bistability on the dithiazolyl family of radicals: a first or second order phase transition? *Juan J. Novoa*
- P-682** Magnetic anisotropy and hysteresis in a sub-monolayer of endohedral single-molecule magnets on a metal substrate. *R. Westerström*

July 7, 2014 (Monday)

- P-709** Synthesis and study of photomagnetic chains using single-molecule magnets and spin-crossover building blocks. *D. Aguilà*
- P-710** Quenching quantum tunneling of magnetization in lanthanide SMMs: a theoretical perspective. *T. Gupta*
- P-711** Multimetallic architectures with photomagnetic or single-molecule magnet behavior. *N. Bridonneau*
- P-712** Photomagnetism of MoCu complexes, synthesis, mechanism and poly-metallic architecture. *E. Rousset*

- P-713** Functional hetero-tri and hetero-tetra-metallic architectures. *P. Quatremare*
- P-714** Optical activity in $[M(CN)_8]$ -based molecular magnets. *S. Chorazy*
- P-715** Synthesis of nitroxide radicals via S_N^H cross-coupling reactions. *O. N. Chupakhin*
- P-716** Tetranuclear cubane-type $[M_4O_4]$ ($M = Co(II), Ni(II)$) complexes with pronounced solvatomagnetic effect. *S. Demeshko*
- P-717** A low-dimensional molecular spin system with two steps of magnetic transitions and liquid crystal property. *H.-B. Duan*
- P-718** Synthesis of nitronyl nitroxide derivatives with deuterated methyl groups and their ESR spectra. *Y. Emura*
- P-719** Spin crossover in iron(II) compounds with anionic sulfonate-functionalized 1,2,4-triazole ligands. *V. Gómez*
- P-720** High LIESST and reverse LIESST conversion in a distorted Fe(III) spin crossover complex. *M. M. Harris*
- P-721** Breaking Hund's rule in manganese(III) drives Jahn-Teller and spin state ordering. *M. M. Harris*
- P-722** Synthesis and characterization of tetrapyrrole precursors bearing free radical. *C. Hirel*
- P-723** Spin-crossover thermal hysteresis and light-induced effect on iron(II) complexes with tripodal tris(2-pyridyl)methanol. *M. Yamasaki*
- P-724** Development of novel MRI contrast agents based on poly(propylene sulfide) nanoparticles loaded with molecular magnets. *D. Jeanmaire*
- P-725** Magnetic switching by photo-irradiation in the spin-crossover iron(III) complex with photoisomerizable counteranion. *H. Kamebuchi*
- P-726** Synthesis and characterization of new hybrid-molecular materials consisting of organic conductive molecule and potential anionic spin crossover complex. *Sh. Kanegawa*

- P-727** Guest induced change of magnetic properties of porous coordination polymers. *M. Kiskin*
- P-728** Crystal structure and magnetic property of spin crossover complex $\text{Fe}^{\text{II}}(\text{3-ethynylpyridine})_2[\text{Pt}(\text{CN})_4]$. *T. Kitazawa*
- P-729** Structures and physical properties of ferromagnetic crystals with supramolecular cations. *K. Kubo*
- P-730** Bridging ligands based on fused TTF and *o*-quinones as a spin carriers for the construction of magnetoactive materials. *V. Kuropatov*
- P-731** Reversible single-crystal to single-crystal transformations and associated magnetism of a cyanide-bridged chiral magnet. *Li Li*
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